

ABSTRACT OF THE DISCLOSURE

A method for controlling subscriber access in a network capable of establishing
5 connections with a plurality of domains includes receiving a communication from a
subscriber using a first communication network coupled to at least one other
communication network, the communication optionally including a domain identifier
associated with a domain on the at least one other communication network, determining
whether the subscriber is authorized to access the domain based upon the domain
10 identifier and a list of authorized domains for a virtual circuit used to receive the
communication and authorizing subscriber access to the domain when the domain
identifier is included in the list. An access server includes a tunnel ID request generator
and an authorizer. The tunnel ID request generator generates a tunnel ID request that
includes a virtual circuit identifier associated with a virtual circuit used to accept a PPP
15 authentication request. The authorizer grants subscribers domain access based upon a list
of authorized domains for the virtual circuit.